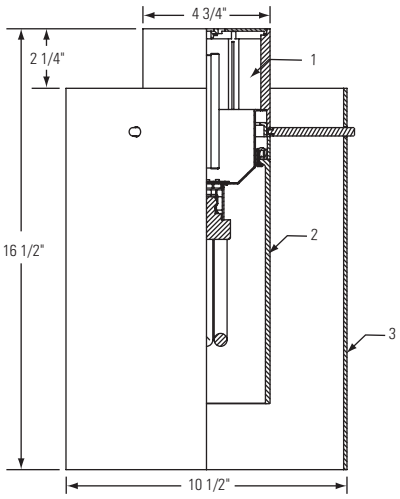
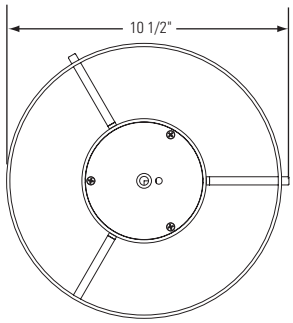
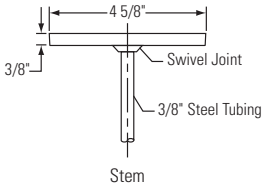


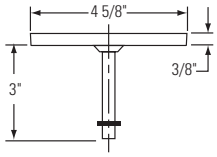
* 2-wire neutral connection required at dimming control.



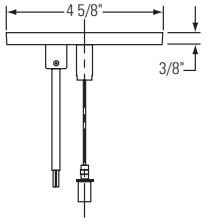
Flush Mount Kit



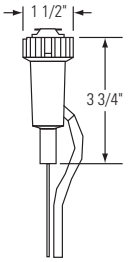
Stem



Close to Ceiling



Cable/Cord



Track Mount

Ordering Information: Complete fixture consists of Powerhead + Inner Glass + Outer Glass + Suspension Kit. Each sold separately (ie **PM32SA** + **PG01** + **GL02** + **SK01**).

Spec ID (reference only)	**Powerhead**	**Inner Glass**	**Outer Glass**	**Suspension Kit**	**Lamp**	**Volts**
FP03	**PM32SA**	**PG01**	**GL02**	*See suspensions below	CFL, 26/32	120/277V
FP03MX1	**PM32MX1SA**	**PG01**	**GL02**		Mark X Dimming 26/32W	120V
FP03MX2	**PM32MX2SA**	**PG01**	**GL02**		Mark X Dimming 26/32W	227V
IP03	**PM150SA**	**PG01**	**GL02**		T-4 Mini-Can 150W	120V

Suspension Kit:

Cat. No	**Finish**	**Description**
SK01	Satin Aluminum	Clear Metallic Straight Cord/Cable, 120" Length, (10') with canopy
SK02	Satin Aluminum	Clear Metallic Straight Cord/Cable, 300" Length, (25') with canopy
ST01	Satin Aluminum	36" Length 3/8" Stem with canopy
ST02	Satin Aluminum	60" Length 3/8" Stem with canopy
CTC	Satin Aluminum	Close to Ceiling Kit with canopy
TM01	Satin Aluminum	Silver Track Mounting Kit with Clear Metallic Straight Cord/Cable, 120" Length, (10'). Not for use with IP03. (120V only)

Features

1. **Power Compartment:** Die Cast and Machined Aluminum Components. Brushed and Clear Lacquer Finish.
2. **Primary Glass:** Triplex Hand Blown Glass.
3. **Decorative Glass Accessory:** A straight of section Hand Blown Glass, Die Cast Aluminum Holder Ring and Stainless Steel Support Pins.

Lamping (by others)

Compact Fluorescent:

General Electric	**Osram/Sylvania**	**Philips**
(1) 26W Triple Tube 4-Pin (Amalgam) Compact Fluorescent Lamp		
F26TBX/*/A/4P	CF26DT/E/IN/*	PL-T26W/*/4P/Alto
(1) 32W Triple Tube 4-Pin (Amalgam) Compact Fluorescent Lamp		
F32TBX/*/A/4P	CF32DT/E/IN/*	PL-T32W/*/4P/Alto

*Manufacturers color temperature designation

Electrical

Lampholder:
Incandescent: E11 Base, Porcelain, Copper Nickel Plated Screw Shell.
Compact Fluorescent: 4-Pin, 26/32 watt base: GX24q-3

Electrical (continued)

Ballasts: Fluorescent: Electronic

	26 Watts		**32 Watts**	
Voltage	120	277	120	277
Max. Watts	28	28	38	36
Max. Line Current (Amps)	.25	.11	.30	.13

Labels

cULus Listed. Suitable for Damp Locations.

Job Information **Type:**

Job Name:

Cat. No.:

Lamp(s):

Notes:

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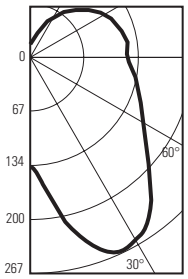
Catalog No. FPO3/FP01, 32W Triple Tube, 2400 Lumens.



Report No. 3095FR
SC = 2.0

CANDLEPOWER SUMMARY

Angle	Mean CP	Angle	Mean CP
0	140	95	123
5	157	100	122
10	194	105	119
15	232	110	116
20	256	115	112
25	267	120	106
30	265	125	99
35	254	130	92
40	235	135	84
45	212	140	75
50	190	145	66
55	175	150	57
60	163	155	47
65	153	160	37
70	146	165	26
75	139	170	14
80	133	175	5
85	127	180	2
90	122		

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	16.16
10-20	65.89
20-30	122.49
30-40	158.1
40-50	163.81
50-60	157.34
60-70	152.38
70-80	147.13
80-90	138.68
90-100	133.65
100-110	126.18
110-120	110.74
120-130	89.16
130-140	65.13
140-150	41.84
150-160	22.03
160-170	7.67
170-180	.78

ZONAL LUMENS AND PERCENTAGES

Zone	Lumens	%Lamp	%Fixt
0-30	204.54	8.5	11.9
0-40	362.64	15.1	21.1
0-60	683.78	28.5	39.8
0-90	1121.98	46.7	65.3
90-120	370.57	15.4	21.6
90-130	459.74	19.2	26.7
90-150	566.71	23.6	26.7
90-180	597.18	54.9	34.7
0-180	1719.16	71.6	100

** Efficiency = 71.6% **

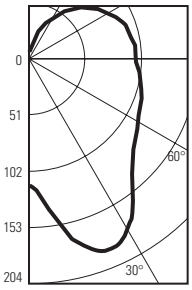
COEFFICIENTS OF UTILIZATION

Ceiling	80%				70%		50%		30%		
Wall	70	50	30	10	50	10	50	10	50	10	0
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%										
0	79	79	79	79	75	75	66	66	58	58	47
1	70	66	62	58	61	55	54	49	47	43	43
2	63	56	50	46	52	43	46	38	40	34	27
3	57	48	42	37	45	35	40	31	34	28	22
4	52	42	36	31	40	29	35	26	30	23	18
5	47	38	31	26	35	25	31	22	27	20	18
6	43	34	27	22	32	21	28	19	24	17	13
7	40	30	24	19	28	18	25	17	22	15	11
8	37	27	21	17	26	16	23	15	20	13	10
9	34	25	19	15	23	14	21	13	18	12	9
10	32	23	17	13	22	13	19	12	17	10	8

Room Cavity Ratio

Determined In Accordance With Current IES Published Procedures
Luminaire Input Watts = 33.0

Catalog No. FPO3/FP01, 26W Triple Tube, 1800 Lumens



Report No. 3096FR
SC = .96

CANDLEPOWER SUMMARY

Angle	Mean CP	Angle	Mean CP
0	124	90	103
5	139	95	104
10	166	100	103
15	190	105	101
20	200	110	98
25	203	115	94
30	193	120	89
35	176	125	84
40	157	130	77
45	143	135	70
50	134	140	63
55	128	145	55
60	123	150	47
65	119	155	39
70	116	160	31
75	113	165	22
80	111	170	11
85	107	175	3
90	103	180	2

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	14.08
10-20	53.67
20-30	92.85
30-40	109.8
40-50	111.18
50-60	114.85
60-70	118.45
70-80	119.92
80-90	116.46
90-100	113.2
100-110	109.73
110-120	93.24
120-130	74.79
130-140	54.55
140-150	34.75
150-160	18.27
160-170	6.37
170-180	.58

ZONAL LUMENS AND PERCENTAGES

Zone	Lumens	%Lamp	%Fixt
0-30	160.61	8.9	11.9
0-40	270.4	15	20
0-60	496.44	27.6	36.7
0-90	851.27	47.3	62.9
90-120	313.17	17.4	23.1
90-130	387.96	21.6	28.7
90-150	477.26	26.5	28.7
90-180	502.48	27.9	37.1
0-180	1353.75	75.2	100

** Efficiency = 75.1% **

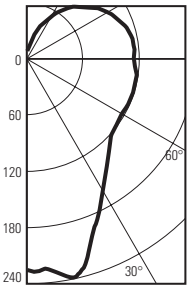
COEFFICIENTS OF UTILIZATION

Ceiling	80%				70%		50%		30%		
Wall	70	50	30	10	50	10	50	10	50	10	0
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%										
0	83	83	83	83	78	78	68	68	59	59	47
1	73	68	64	60	64	57	55	50	48	43	34
2	65	58	52	47	54	45	47	39	40	34	26
3	59	50	44	38	47	36	41	32	35	28	21
4	54	44	37	32	41	30	36	27	31	23	18
5	49	39	32	27	37	26	32	23	27	20	15
6	45	35	28	23	33	22	29	20	25	17	13
7	42	31	25	20	30	19	26	17	22	15	11
8	39	28	22	18	27	17	23	15	20	13	10
36	26	20	16	24	24	15	22	13	19	12	9
10	34	24	18	14	22	13	20	12	17	11	8

Room Cavity Ratio

Determined In Accordance With Current IES Published Procedures
Luminaire Input Watts = 29.0

Catalog No. IP03/IP01 150W T-4, 950 Lumens.



Report No. 3094FR

CANDLEPOWER SUMMARY

Angle	Mean CP	Angle	Mean CP
0	229	95	116
5	226	100	115
10	236	105	113
15	234	110	110
20	204	115	106
25	183	120	100
30	165	125	94
35	148	130	87
40	135	135	79
45	125	140	71
50	121	145	62
55	119	150	53
60	118	155	44
65	119	160	34
70	119	165	24
75	119	170	12
80	119	175	3
85	116	180	1
90	115		

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	21.93
10-20	64.18
20-30	84.37
30-40	93.08
40-50	94.43
50-60	106.86
60-70	118
70-80	125.89
80-90	127.1
90-100	126.29
100-110	119.43
110-120	104.78
120-130	84.33
130-140	61.35
140-150	39.33
150-160	20.57
160-170	6.98
170-180	.59

ZONAL LUMENS AND PERCENTAGES

Zone	Lumens	%Lamp	%Fixt
0-30	170.48	6.1	12.2
0-40	263.56	9.4	18.8
0-60	467.85	16.7	33.4
0-90	838.84	30	59.8
90-120	350.51	12.5	25
90-130	434.83	15.5	31
90-150	535.51	19.1	31
90-180	563.65	20.1	40.2
0-180	1402.49	50.1	100

** Efficiency = 50.1% **

COEFFICIENTS OF UTILIZATION

Ceiling	80%				70%		50%		30%		
Wall	70	50	30	10	50	10	50	10	50	10	0
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%										
0	55	55	55	55	51	51	38	44	38	38	30
1	48	45	42	40	42	37	31	32	31	28	21
2	43	38	34	31	36	29	26	25	26	22	16
3	39	33	29	25	31	24	22	21	22	18	13
4	35	29	25	21	27	20	20	17	20	15	11
5	33	26	21	18	24	17	18	15	18	13	9
6	30	23	19	15	22	15	16	13	16	11	8
7	28	21	17	13	20	13	15	11	15	10	7
8	26	19	15	12	18	11	13	10	13	9	6
9	24	17	13	11	16	10	15	9	12	8	6
10	22	16	12	10	15	9	14	8	11	7	5

Room Cavity Ratio

Determined In Accordance With Current IES Published Procedures
Luminaire Input Watts = 150

Job Informationv **Type:**

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